

# Minimum Protection to Highly Absorptive Areas

- Conventional hoods have no protection against smoke particles
- Commodity products are the lowest expense, accounting for 0.4% of total PPE cost
- No additional protection is at interface areas in TOG to protect FF from smoke particles
- It is paramount to protect FF at fire ground where absorption is the highest

PPE	Average (\$)	Percent (%)
SCBA	3,500	30%
Thermal Image Camera	2,500	21%
Portable Radios	1,500	13%
Turnout Coats	1,300	11%
Turnout Pants	900	8%
Class 2 Harness	650	6%
Helmets	350	3%
Leather Fire Boots	360	3%
SCBA Face Piece	300	3%
Pagers	150	1%
Flashlights	90	1%
Corrective Lens Holder	90	1%
Gloves	80	1%
Hoods	45	0.4%
<b>Total</b>	<b>11,805</b>	

**Hood Is the Lowest Cost PPE Protecting  
the Most Vulnerable Exposure Areas**